



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/pera/

Dyplast Products LLC
12501 NW 38 Avenue
Opa Locka, FL 33054

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Expanded Polystyrene Block Type Insulation

APPROVAL DOCUMENT: Drawing No. 01, titled "Expanded Polystyrene Block Type Insulation", sheet 1 of 1, dated 10/26/2007, prepared by Dyplast Products LLC, signed and sealed by James D. Burkhart, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each board shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews** NOA # 07-1107.08 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
10/31/2011

NOA No. 11-0926.07
Expiration Date: January 11, 2017
Approval Date: November 10, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS “Submitted under NOA # 07-1107.08”

1. Drawing No. 01, titled “Expanded Polystyrene Block Type Insulation”, sheet 1 of 1, dated 10/26/2007, prepared by Dyplast Products LLC, signed and sealed by James D. Burkhart, P.E.

B. TESTS “Submitted under NOA # 07-1107.08”

| | <u>Laboratory Report</u> | <u>Test</u> | <u>Date</u> | <u>Signature</u> |
|----|---------------------------------|--------------------|--------------------|-------------------------|
| 1. | RAD-4121 | ASTM C518 | 05/21/07 | R. F. Tucker, P.E. |
| 2. | RAD-4121 | ASTM C272 | 05/21/07 | R. F. Tucker, P.E. |
| 3. | RAD-4121 | ASTM E96 | 05/21/07 | R. F. Tucker, P.E. |
| 4. | R4812 | ASTM E84 | 04/27/06 | James F. Smith. |
| 5. | SV8770 | ASTM D1929 | 06/20/07 | R. K. Laymon. |

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE


1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letters of code conformance to 2007 FBC and no financial interest, dated 09/22/2011, signed and sealed by James D. Burkhart, P.E.



10/31/2011

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 11-0926.07

Expiration Date: January 11, 2017
Approval Date: November 10, 2011

DYPLAST EXPANDED POLYSTYRENE PREFORMED BLOCK TYPE INSULATION
PHYSICAL PROPERTIES

| <u>DESCRIPTION</u> | <u>TEST</u> | <u>UNIT</u> | <u>PROPERTIES</u> |
|--------------------------------------|-------------|-------------------------------|-------------------|
| DENSITY | ASTM C-303 | lbs/ft ³ | 1.05 |
| COMPRESSIVE STRENGTH | ASTM D1621 | PSI | 14.08 |
| FLEXURAL STRENGTH | ASTM C203 | PSI | 34.23 |
| WATER ABSORPTION | ASTM C272 | % BY VOL | 1.39 |
| AVERAGE THERMAL CONDUCTIVITY | ASTM C518 | BTU in/hr-ft ² ·°F | 0.242 |
| AVERAGE R-VALUE (1"thick) | ASTM C518 | hr-ft ² ·°F/BTU | 4.13 |
| WATER VAPOR TRANSMISSION | ASTM E96 | PERMS | 3.23 |
| OXYGEN INDEX | ASTM D-2863 | PASS/FAIL | PASS |
| DIMENSIONAL STABILITY 158 °F, 97% RH | ASTM D2126 | %VOLUME | -0.28 |
| DIMENSIONAL STABILITY 40 °F | ASTM D2126 | %VOLUME | 0.04 |
| FLAME SPREAD | ASTM E84 | - | 20 |
| SMOKE DEVELOPED | ASTM E84 | - | 185 |
| MINIMUM SELF IGNITION TEMPERATURE | ASTM D1929 | °F | 878 |
| MINIMUM FLASH IGNITION TEMPERATURE | ASTM D1929 | °C | 470 |

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 11-0926.07
Expiration Date 01/11/2017
By [Signature]
Miami Date Product Control

General Notes

1. Application of DYPLAST EPS insulation shall comply with all pertinent sections of the Florida Building Code.
2. This product has not been evaluated for outdoor exposure, therefore it shall be fully protected from the elements at all times.
3. Installation of DYPLAST EPS may be made with cement mortar on mechanical fasteners in accordance with the recommendation of DYPLAST PRODUCTS LLC.
4. This product cannot be used as sheathing and it shall be continuously supported by a structural backing.

07-1107.08
01/11/2012
[Signature]

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| DYPLAST PRODUCTS LLC |
| 12501 NW 38TH AVENUE |
| OPA LOCKA, FLORIDA 33054 |
| EXPANDED POLYSTYRENE BLOCK TYPE INSULATION |
| DRAWING NO. 01 DRAWING DATE: 10/26/07 SHEET NO: 1 OF 1 |

[Signature]
OPE No. 49377
1/5/2008